CLAIMS

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a semiconductor element;

a heat sink; and

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an intermediate layer provided between the semiconductor element and the heat sink to moderate thermal stress.

- 2. A semiconductor device according to claim 1, wherein the intermediate layer
 for moderating thermal stress comprises a carbon-copper composite material.
 - 3. A semiconductor device comprising:
 - a semiconductor element;
 - a heat sink;
- a laminar plate provided between the semiconductor element and the heat sink so as to include an intermediate layer for moderating thermal stress.
 - 4. A semiconductor device according to claim 3, wherein the laminar plate comprises:
 - a first metal plate bonded to the semiconductor element;

the intermediate layer for moderating thermal stress, bonded to the opposite side of the first metal plate from the semiconductor element;

a second metal plate bonded to the opposite side of the intermediate layer from the side thereof bonded to the first metal plate;

an insulating member bonded to the opposite side of the second metal plate to the side thereof bonded to the intermediate layer; and

a third metal plate bonded to the opposite side of the insulating member

to the side thereof bonded to the second metal plate.

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- 5. A semiconductor device according to claim 4, wherein the thickness of the second metal plate and the thickness of the third metal plate are equal.
- 6. A semiconductor device according to claim 3, wherein the intermediate layer

for moderating thermal stress comprises a carbon-copper composite material.